

FIG. 1
PRIOR ART



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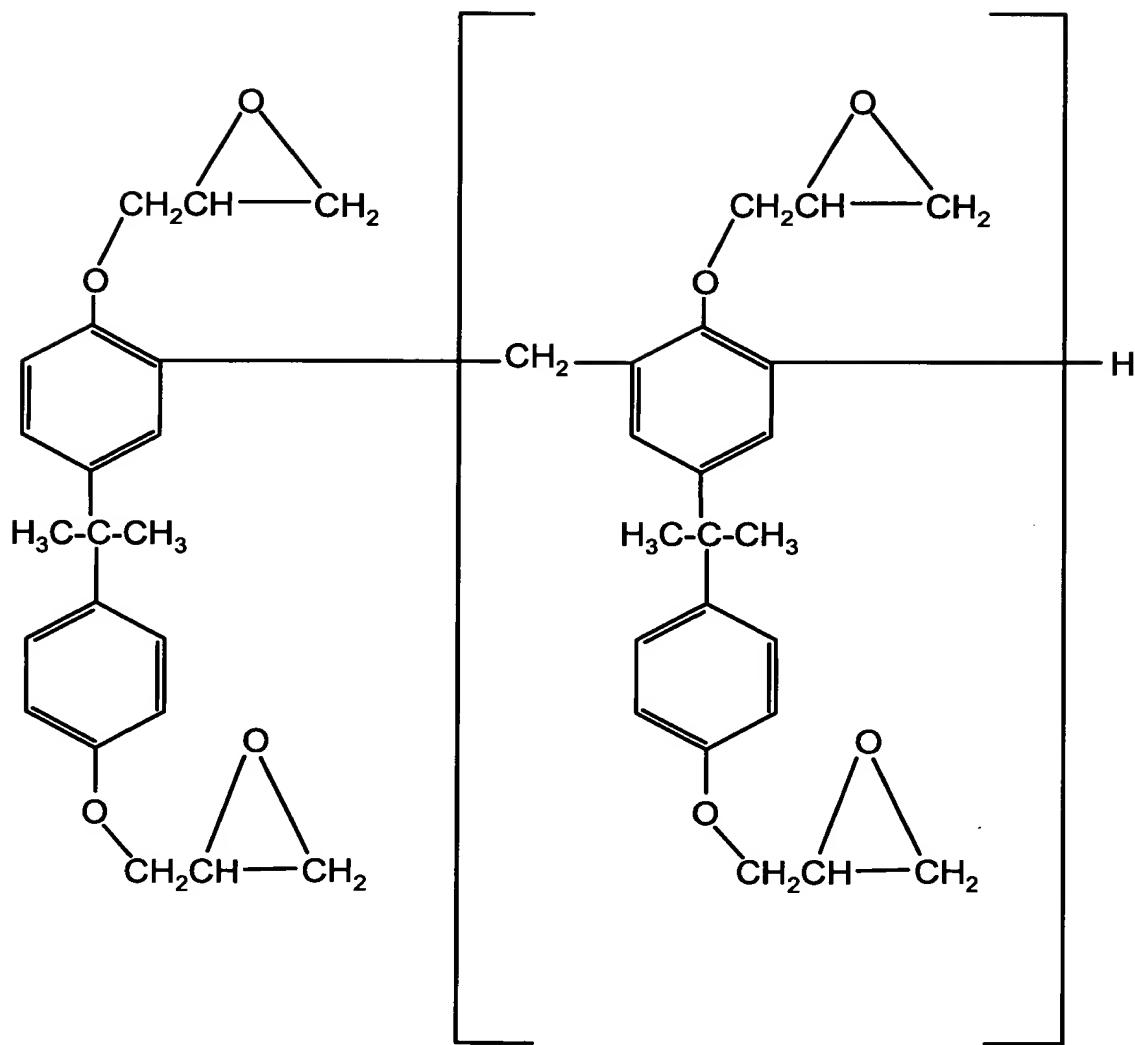


FIG. 2



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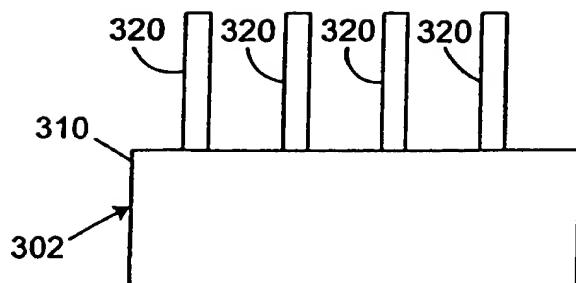


FIG. 3A

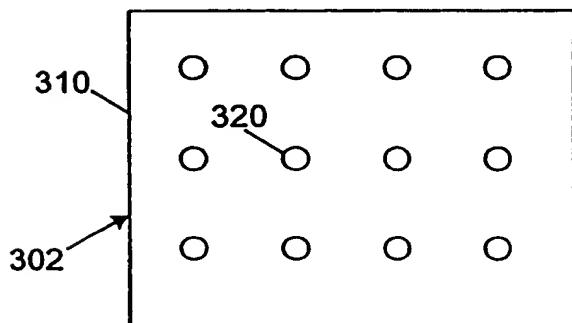


FIG. 3B

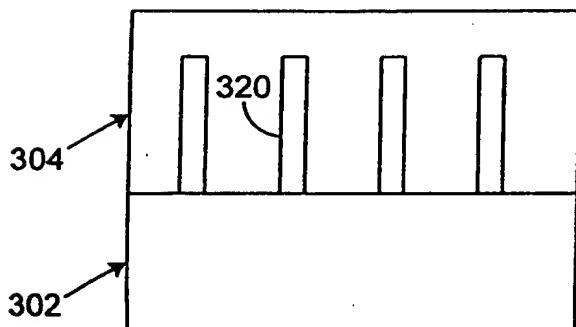


FIG. 3C



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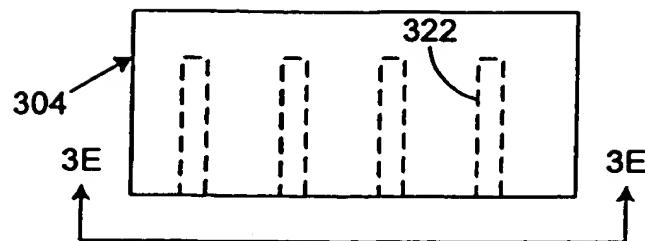


FIG. 3D

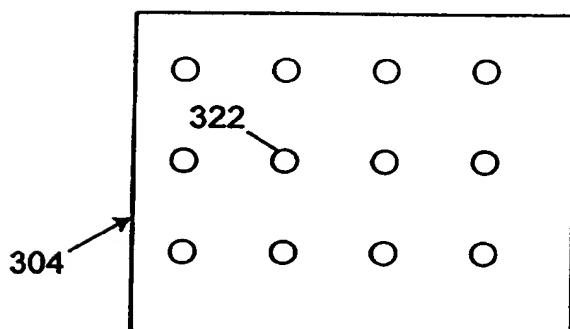


FIG. 3E

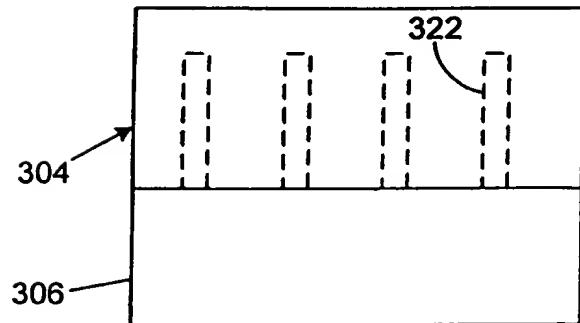


FIG. 3F



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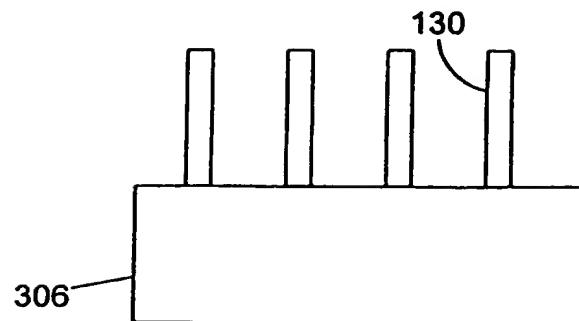


FIG. 3G

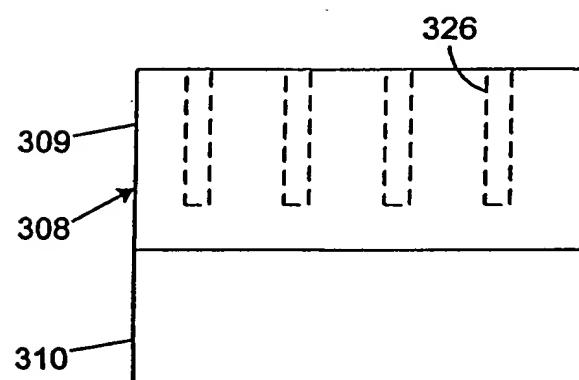


FIG. 3H

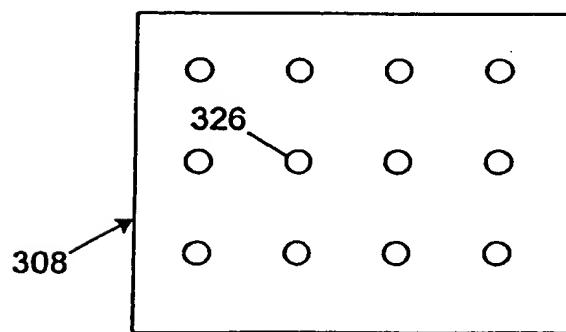


FIG. 3I



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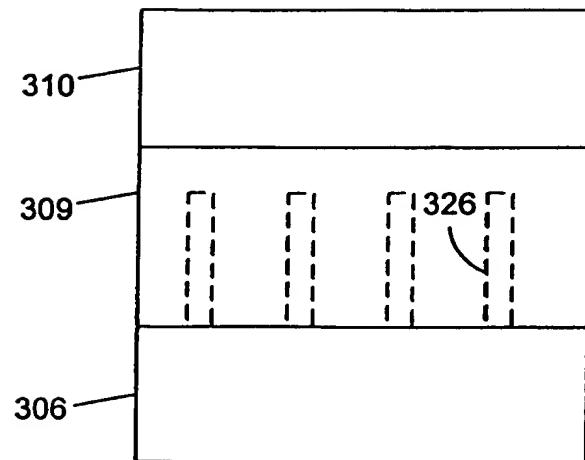


FIG. 3J

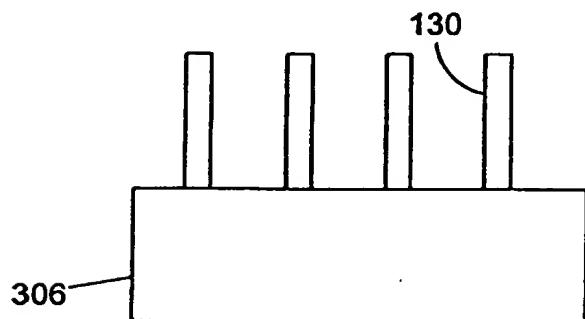


FIG. 3K

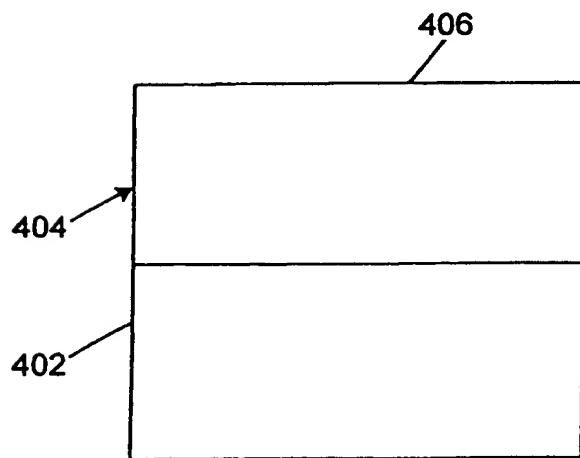


FIG. 4



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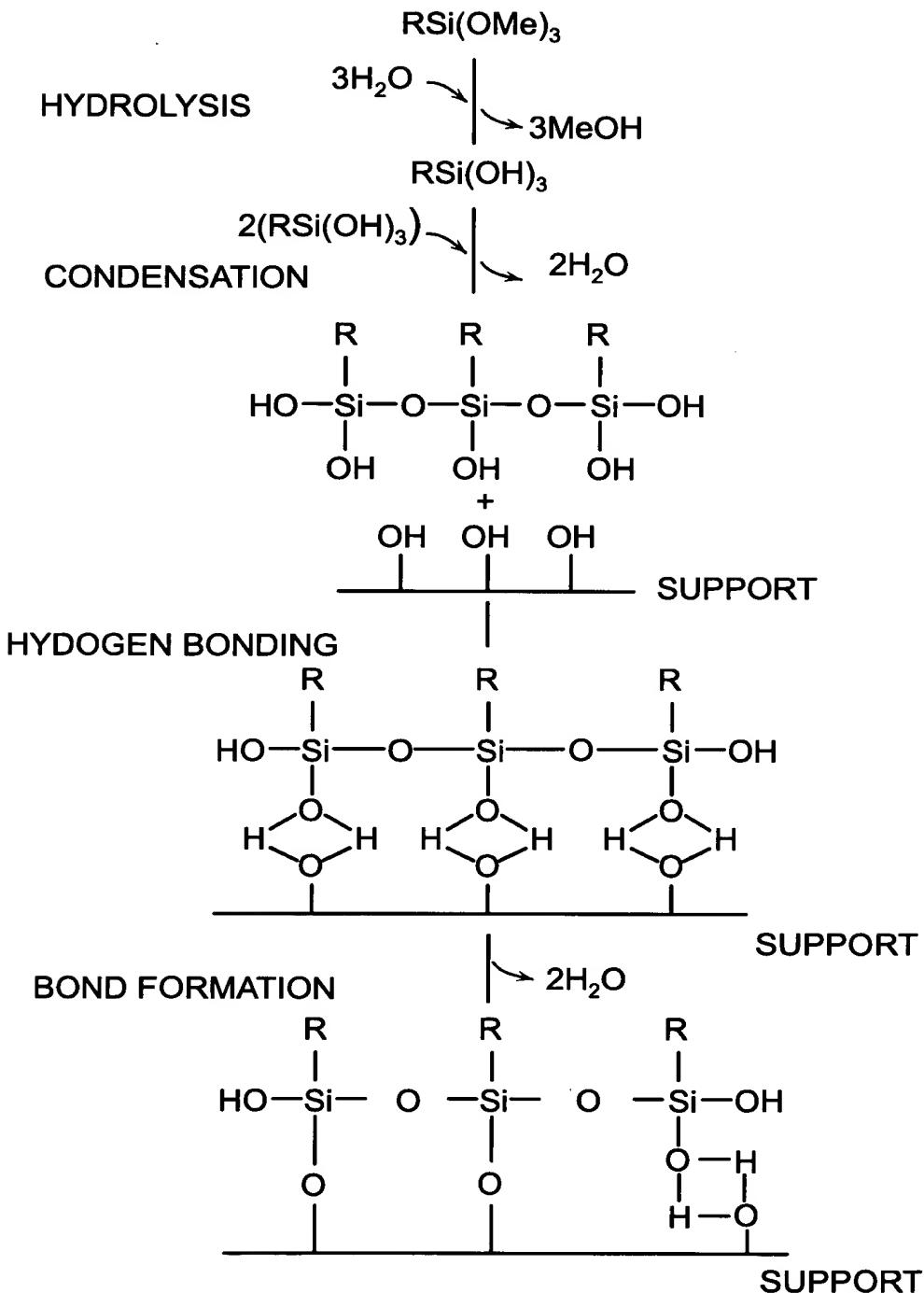


FIG. 5



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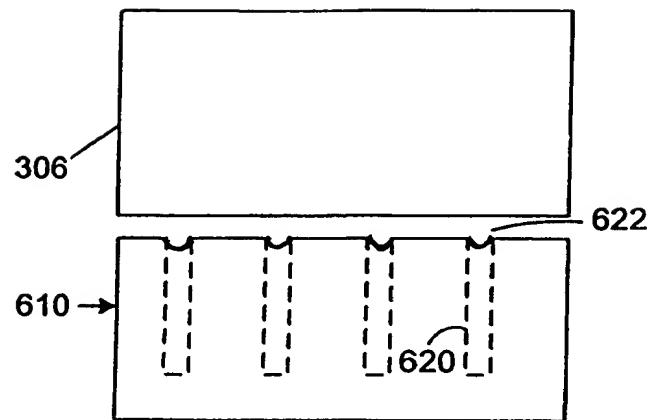


FIG. 6A

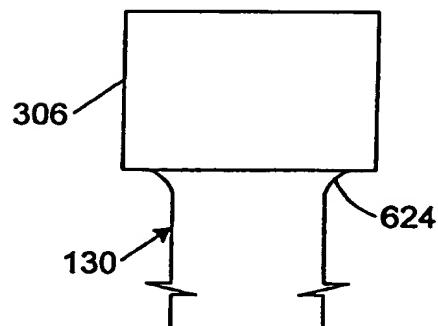


FIG. 6B

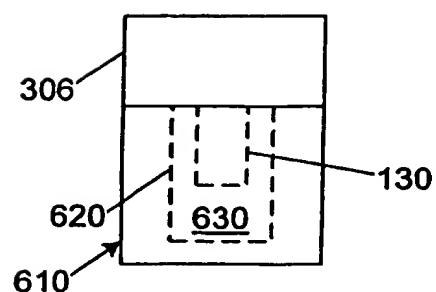


FIG. 6C



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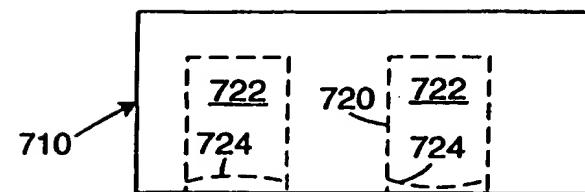


FIG. 7A

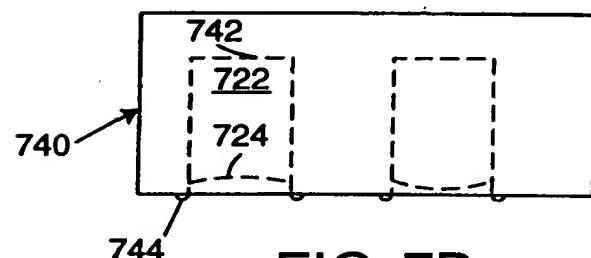


FIG. 7B

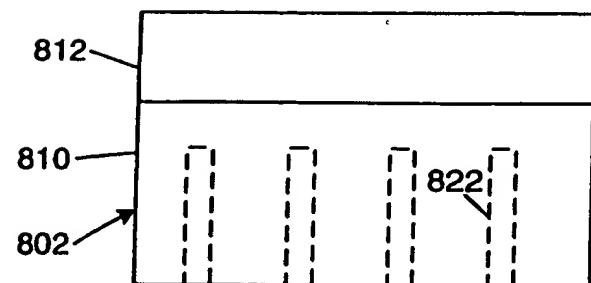


FIG. 8



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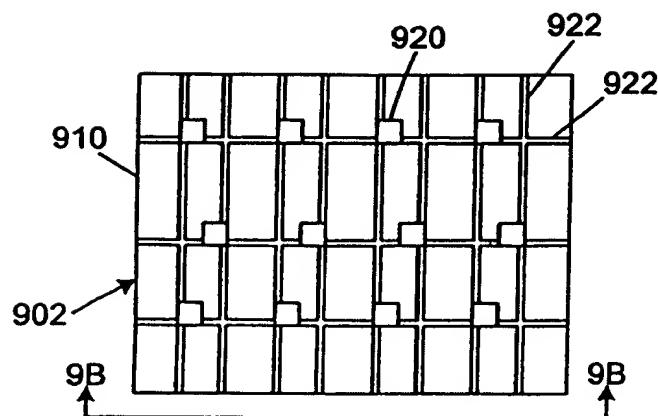


FIG. 9A

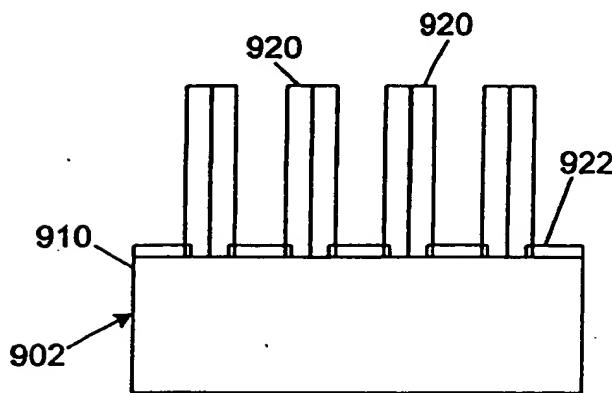


FIG. 9B

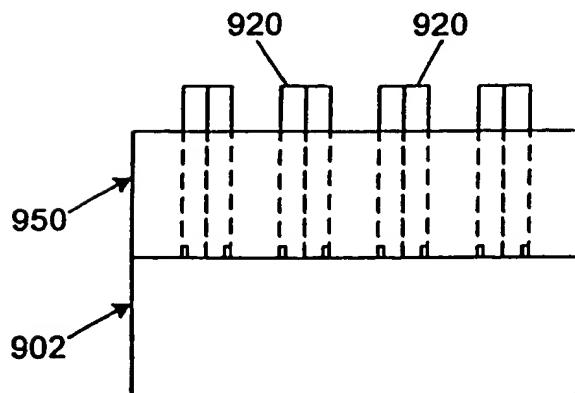


FIG. 9C



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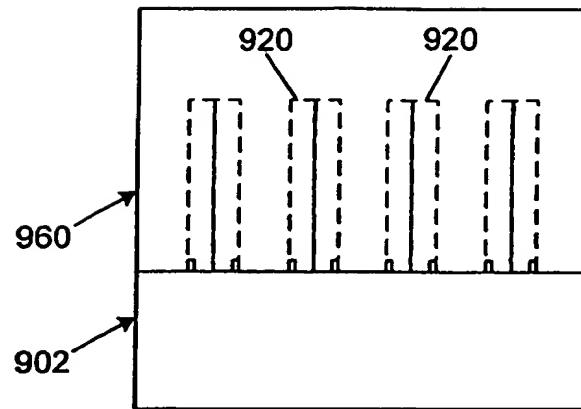


FIG. 9D

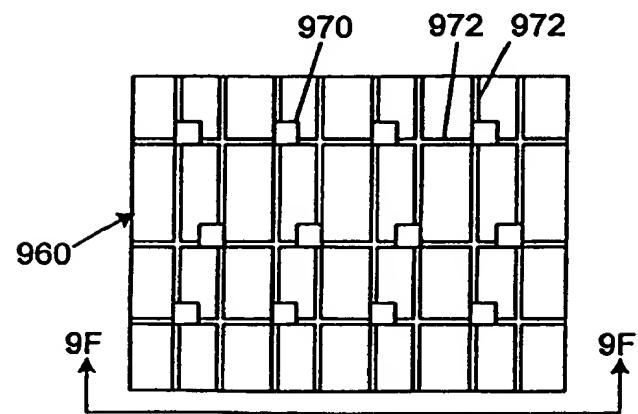


FIG. 9E

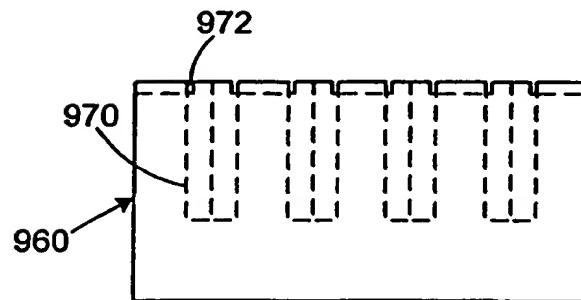


FIG. 9F



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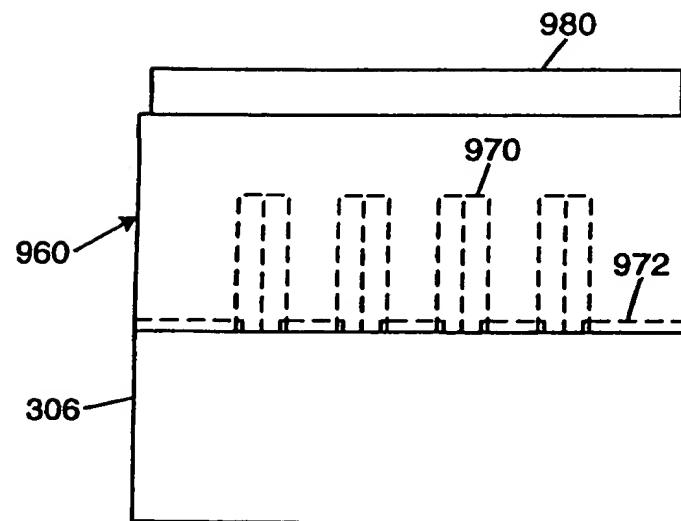


FIG. 9G

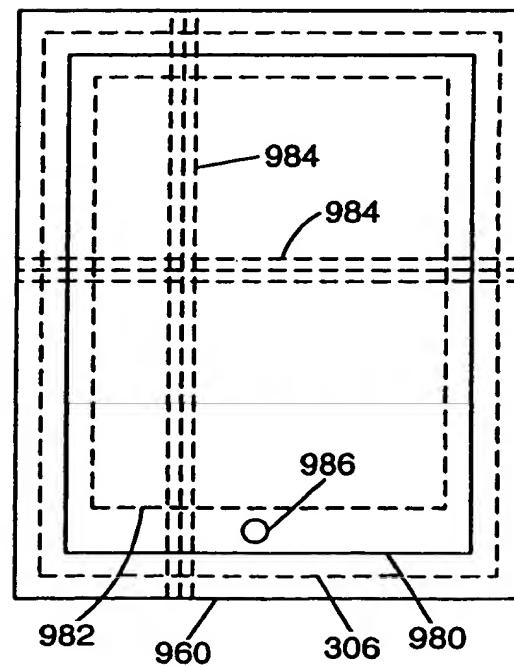


FIG. 9H



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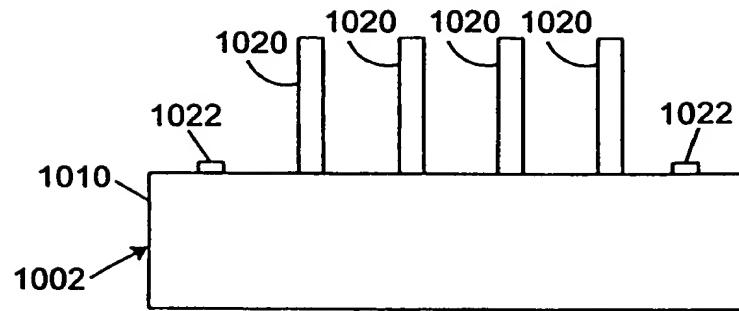


FIG. 10A

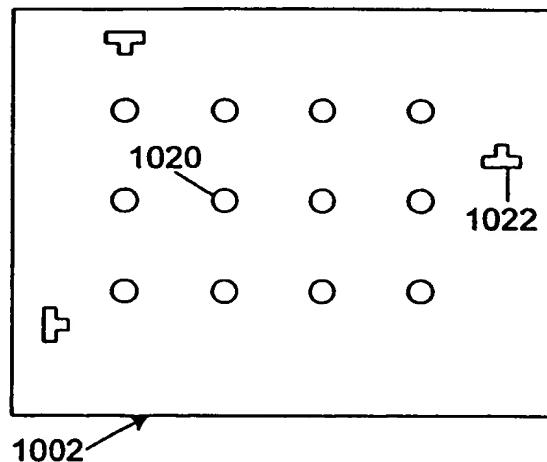


FIG. 10B

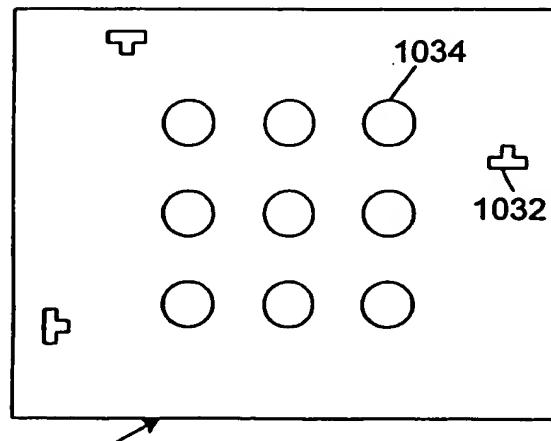


FIG. 10C



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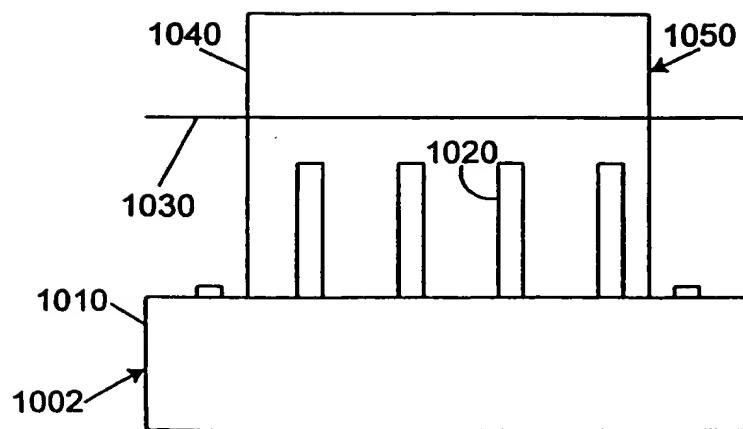


FIG. 10D

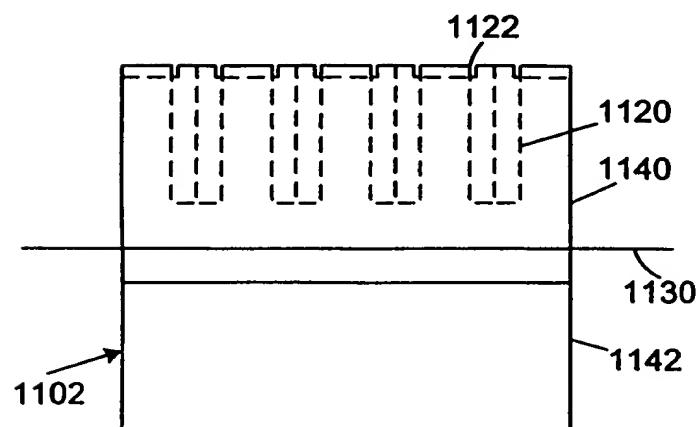


FIG. 11



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INDENTER RESULTS

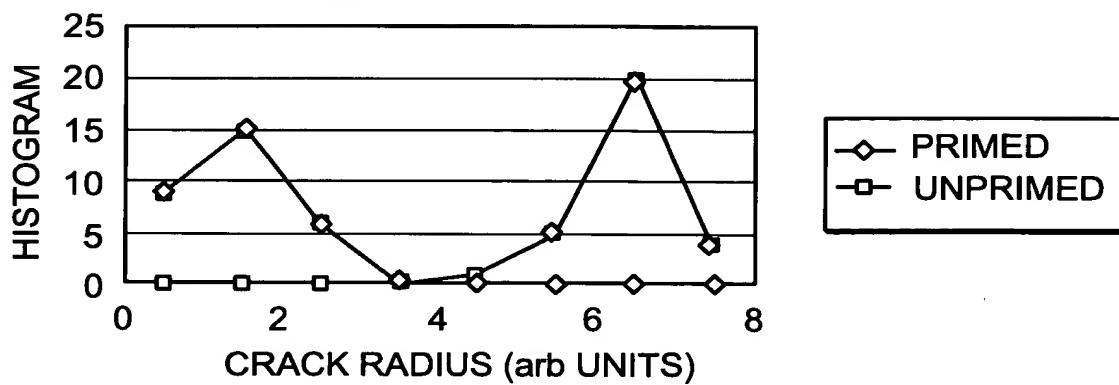


FIG. 12

ADHESION SCORE

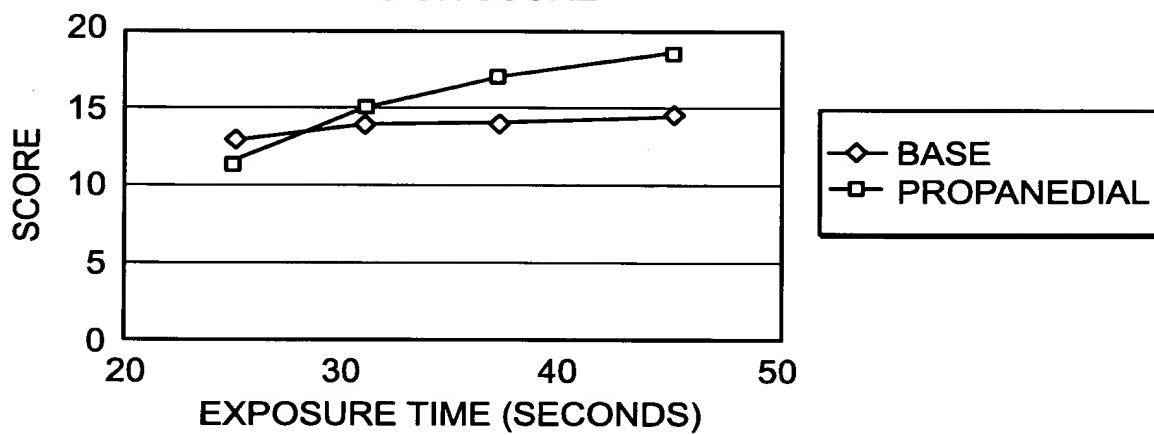


FIG. 13A

ADHESION SCORE

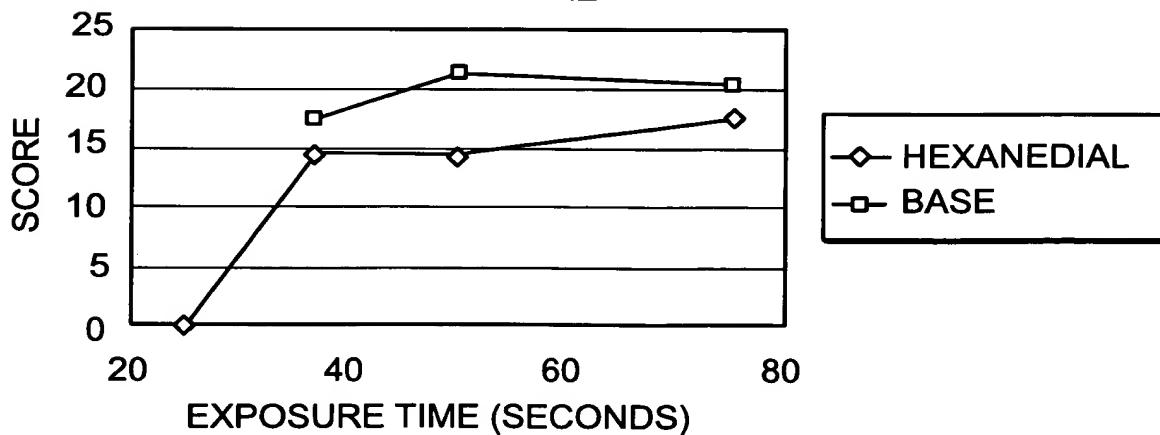


FIG. 13B